

J. HIRNER.

FRINGE.

No. 169,993.

Patented Nov. 16, 1875.

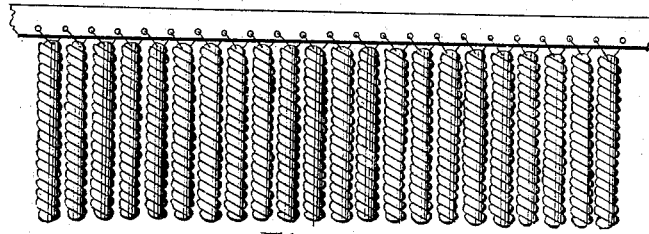


Fig. 1.

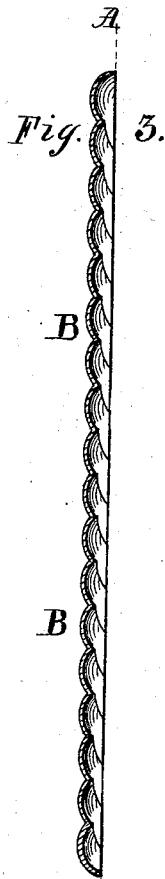


Fig. 3.

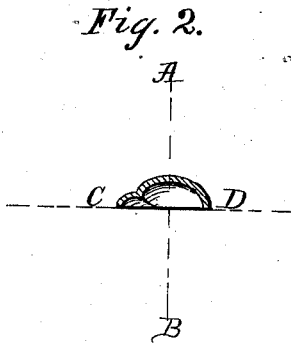


Fig. 2.

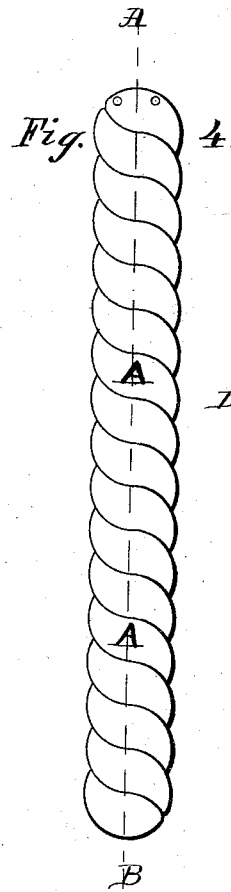


Fig. 4.

Witnesses: B
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Inventor:
 Jacob Hirner.
 by Paul Diederheims
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UNITED STATES PATENT OFFICE.

JACOB HIRNER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO CLARENCE A. HART, OF SAME PLACE.

IMPROVEMENT IN FRINGES.

Specification forming part of Letters Patent No. **169,993**, dated November 16, 1875; application filed March 15, 1875.

To all whom it may concern:

Be it known that I, JACOB HIRNER, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful article of manufacture—a Fringe for Decorative Purposes; and I do hereby declare the following to be a full, clear, and precise description of the same, which will enable others skilled in the art to which my improvement appertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, and of which—

Figure 1 is a front elevation of a portion of my fringe; Fig. 2, a transverse section of a single pendant on the line C D, Fig. 4; Fig. 3, a longitudinal section of a single pendant on the line A B, Fig. 4; and Fig. 4, an elevation of a single pendant.

Similar letters of reference indicate like parts in all the figures.

My invention relates to decorative art; and I contemplate applying it to every phase of the same desired—scenic effect; drapery, costumery, architectural finish, and the like. My invention consists of a fringe whose pendants are formed wholly of thin sheets of pliable or plastic material embossed in any ornamental design.

For the better information of the public, I will proceed to describe my fringe, and the method of its making, more in detail.

The fringe is struck out by dies, flat or cylindrical, of any suitable construction. I strike it out as a sheet of pendants or as a single pendant, cut clean and complete one at a time.

So far as material goes, I employ paper, gilded, silvered, or colored on one or both sides. The paper employed may vary in thickness and structure with the size of the pendants or with the purpose to which the fringe is to be applied. For outside work the fringe may be coated with water-proofing ma-

terial, and for theatrical purposes with solutions rendering it fire-proof. For greater durability, I stamp it out of woven fabrics, such as muslin, or muslin backed with paper, or out of cloth or leather so stiffened as to retain their shape, or out of sheet metal.

In the drawings, A represents each pendant of the fringe; B, the front surface of the same.

In the matter of design, the pendants may be made of any required shape, according to the form worked in the dies.

The fringe may imitate heavy gold bullion or simple cord-fringe.

The form of the pendants is that of a hollow oblong convex-surfaced shell-shaped body. The surfaces may be highly ornamented, and imitate the twist and contour of bullion or other fringe, avoiding the expensiveness, and permitting the production of a great variety of designs.

When desired, two of these pendants may be secured together, forming a cylindrical instead of a semi-cylindrical shell. Also, as a cheaper variety, a fringe not cylindrical or semi-cylindrical, but flat, embossed in a characteristic design, may be used, and produced in an analogous manner.

The pendants are attached in any convenient manner, as by stitching to the edging or cloth or other material.

Having thus fully described my invention, what I claim as that invention, and desire to secure by Letters Patent of the United States, is—

A fringe consisting of pendants formed wholly of thin sheets of pliable or plastic material, embossed in any ornamental design, substantially as set forth.

J. HIRNER.

Witnesses:

WM. C. STRAWBRIDGE,
J. BONSALE TAYLOR.